Name of the Faculty : Suman Kumar Ghosh

Designation : Assistant Professor

Department : Mechanical Engineering

No. of Publication: 39

## **Journal Publication: 1**

Type of	DOI No.	Name of the	Name of	ISSN No.	Year of
Journal		Article	the Author		Publication
SCOPUS	https://doi.org/10.18311/jmmf/2023/36038	Comparative	Arijit	0022-2755	2023
		Study of	Mukherjee,		
		Wear	Santosh		
		Behaviour	Kumar,		
		of Heat	Syan Paul,		
		Treated 304	Soumak		
		Austenitic	Bose,		
		and 410	Suman		
		Martensitic	Kumar		
		Stainless	Ghosh,		
		Steel	Samrat		
			Biswas		

Book Chapter Publication: 38

DOI No.	Name of the Article	Name of the Author	ISBN No.	Year of Publication
https://doi.org/10.62906/bs.book.209	A Comprehensive Review on Wire Electrical Discharge Machining (WEDM) Process Parameters: Effects, Optimization and Applications	Suman Kumar Ghosh	978-93-6233- 705-4	2023
https://doi.org/10.62906/bs.book.209	Study of Kerf Width in Wire EDM of EN36B Steel: Key Factors and Optimization Strategies	Suman Kumar Ghosh	978-93-6233- 705-4	2023
https://doi.org/10.62906/bs.book.209	Revolutionizing Mobility: Advanced Hydroelectric and Electric Vehicle Technologies for Sustainable Development	Suman Kumar Ghosh	978-93-6233- 705-4	2023
https://doi.org/10.62906/bs.book.209	Process Optimization and Material Characterization in WAAM	Suman Kumar Ghosh	978-93-6233- 705-4	2023

https://doi.org/10.62906/bs.book.209	Helical Flow	Suman Kumar	978-93-6233-	2023
nups://doi.org/10.62906/6s.600k.209	Dynamics: Numerical Simulation and Analysis of Helicity Distribution in	Ghosh Kumar	705-4	2023
	Cyclone Separators			
https://doi.org/10.62906/bs.book.209	Advanced Modal Analysis of NACA 0012 Airfoil Wings: Unveiling Higher-Order Deformation Modes using ANSYS Workbench	Suman Kumar Ghosh	978-93-6233- 705-4	2023
https://doi.org/10.62906/bs.book.209	Thermal Pathways: Investigating Temperature Distribution Along the Topmost Portion of a 2D Steady-State Heat Conduction Domain	Suman Kumar Ghosh	978-93-6233- 705-4	2023
https://doi.org/10.62906/bs.book.209	Stress Exploration: Unveiling Minimum Combined Stress in a Cantilever Beam using ANSYS	Suman Kumar Ghosh	978-93-6233- 705-4	2023
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https://doi.org/10.02/00/05.000k.20/	Friction Dynamics:	Ghosh	705-4	2021
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https://doi.org/10.62906/bs.book.209	Cyclonic Velocity	Suman Kumar	978-93-6233-	2024
	Dynamics: Advanced	Ghosh	705-4	
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	and Material	Ghosh	761-0	
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- i. Title of the invention- Solar powered outdoor stand ceiling fanName of the applicant-Swami Vivekananda University, Name of the Inventor-Suman KumarGhosh.Application No202331054340 A
- ii. Title of the invention- Mini belt grinder ,Name of the applicant-Swami Vivekananda University, Name of the Inventor-Suman Kumar Ghosh.Application No202331054863 A
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